

## Synthesis of Transition Metal Complexes

Due May 27, 2008

### Report

- Type this report.
- Procedure and precautions. I want you to describe how you made the product, how you filtered it, how you dried it, how you stored it, and explain why we did the experiment in the hood. Include the proper formulas for your reactants and products, and include subscripts, superscripts, parenthesis for full credit.
- Reactions include subscripts, superscripts, parenthesis for full credit. Arrows can be obtained by going into "Symbol" font and pressing the ALT key and typing 0174, while the ALT key is pressed down.
- Data table
- Observations
- Calculation of percent yield. Show everything that lead up to your calculation of percent yield.
- Discussion – only if necessary.
- Conclusion. In a synthesis, the conclusion is what you made and what your percent yield is....Organic chemistry reports have exactly this many calculations in them!